REMARKS

Claims 1-19 are presented for further examination. Claims 1, 10, and 16 have been amended.

In the Office Action mailed October 22, 2003, the Examiner noted the fee calculation was incorrect because claims 7-9 were considered independent claims. Applicants are providing the additional payment in connection with the filing of this Amendment.

Claims 1, 7, 8, 10, and 11 were rejected under 35 U.S.C. § 102(e) as anticipated by U.S. Patent No. 5,298,985 ("Tsujihara et al."). Claims 2-6, 9, and 12-19 were rejected under 35 U.S.C. § 103(a) as unpatentable over Tsujihara et al. in view of U.S. Patent No. 5,694,181 ("Oh").

Applicants respectfully disagree with the bases for the rejections and request reconsideration and further examination of the claims.

not in claims

The disclosed and claimed embodiments of the invention are directed to a control signal for controlling a means of correcting a CRT beam via horizontal or vertical correction coils in the CRT. More detailed description of the foregoing can be found in the specification at page 12, lines 7-10 thereof.

In particular, a first feature of the control signal, as explained in connection with Figures 4A-4D (see specification page 8, line 12 through page 9, line 8) is that for each horizontal line of a screen, the control signal varies according to a curve determined by a plurality of line parameters (P1, P2, P3, P4, P5). In addition, the specification sets forth at page 10, line 25 through page 11, line 7 in connection with Figures 5A-5C the variations to each line parameter in accordance with another curve (second curve of the first type) from line to line as determined by a plurality of column parameters. These features are recited in claim 1.

Tsujihara et al., U.S. Patent No. 5,298,985, is directed to an image correction apparatus for adjusting images by digitally controlling analog correction waveforms. Tsujihara et al. discloses control signals (see Figure 6, for example, produced by circuits 41, 45, 46, 47) for controlling correction of the CRT beam in the horizontal or vertical direction (see Tsujihara et al. Figure 5). Tsujihara et al. teaches that the control signal is the product of a correction waveform (*e.g.*, parabolic as illustrated in Figure 6) multiplied by basic correction data from a memory

(23). With respect to Figures 7B and 7C, Tsujihara et al. teaches at column 6, lines 56-68, that one parameter of the parabolic waveform, the end amplitude V1, may vary to a value V2 when the aspect ratio of the screen changes from 16:9 to 1:1. This change of a parameter corresponds to an aspect ratio change and does not correspond to a line-to-line change as set forth in the claims.

Claim 1 is directed to a control signal for controlling a means for correction of at least one electron beam that scans a screen line by line. Claim 1 recites the control signal as comprising an amplitude of which varies along each line according to a first curve of a first type determined by a plurality of line parameters, each of the plurality of line parameters generated to vary from line to line according to a second curve of the first type determined by a plurality of column parameters. Nowhere does Tsujihara et al. teach or suggest varying a first curve by a plurality of line parameters that are in turn generated to vary from line to line according to a second curve of the first type determined by a plurality of column parameters. Rather, as discussed above, Tsujihara et al. teaches varying the end amplitude of a parabolic waveform when an aspect ratio of the screen changes from numeral 16:9 to numerals 1:1. In view of the foregoing, applicants submit that claim 1, as well as dependent claims 2-9 are clearly allowable over Tsujihara et al.

Independent claims 10 and 16 also recite the line parameters being generated to vary from line to line. Thus, independent claims 10 and 16, as well as their corresponding dependent claims, are allowable for the reasons discussed above with respect to claim 1, *i.e.*, that Tsujihara et al. does not teach or suggest varying the amplitude of a line according to a first curve of a first type determined by a plurality of line parameters that are each generated to vary from line to line according to a second curve of the first type by a plurality of column parameters.

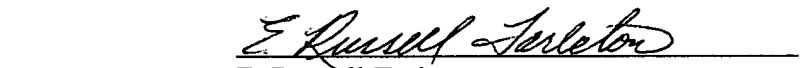
In view of the foregoing, applicants submit that all of the claims in this application are in condition for allowance. In the event the Examiner finds minor informalities that can be resolved by telephone conference, the Examiner is urged to contact applicants' undersigned representative by telephone at (206) 622-4900 in order to expeditiously resolve

prosecution of this application. Consequently, early and favorable action allowing these claims and passing this case to issuance is respectfully solicited.

The Director is authorized to charge any additional fees due by way of this Amendment, or credit any overpayment, to our Deposit Account No. 19-1090.

Respectfully submitted,

SEED Intellectual Property Law Group PLLC



E. Russell Tarleton
Registration No. 31,800

ERT:alb

Enclosure:
Postcard

701 Fifth Avenue, Suite 6300
Seattle, Washington 98104-7092
Phone: (206) 622-4900
Fax: (206) 682-6031

859063.496 / 449039_1.DOC